



SC
MINERALS

July 25, 2001



Dan Olson
WDEQ-Air Quality Division
122 W. 25th Street
Cheyenne, WY 82002

Re: Compliance test results for AQD #82

Dear Dan:

Enclosed you will find Report 1457B conducted by AIRTECH Environmental Services on AQD #82 (Dryer #6) on June 11 and 12, 2001. AQD #82 was permitted under CT-1347 issued February 6, 1998 and modified under MD-474 issued June 1, 2000.

The stack test results demonstrated that AQD #82 is in compliance with the NO_x and PM₁₀ permit limits set forth in CT-1347 and the CO estimate established in MD-474. The PM₁₀ emissions were determined by the sum of the Method 5 front half and Method 202 back half inorganic. The testing was conducted at a production rate of 152 tons per hour (TPH), which is 94 percent of the permit limit of 161 TPH. The test results are tabulated below:

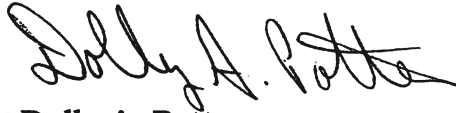
	Emission limit (or estimate*) (pph)	Test result (pph)	%
PM ₁₀	3.45	0.88	26
NO _x	30	22.8	76
CO	300*	89.5	30

Further testing was conducted on AQD #82 at an increased production rate as allowed by a temporary waiver issued June 13, 2001. Results of that testing also showed compliance, and will be submitted under separate cover with a request to increase the permitted production rate.

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If you have any questions concerning the test results, please feel free to contact me at (307) 872-6571.

Respectfully submitted,
SOLVAY MINERALS, INC.

A handwritten signature in black ink, appearing to read "Dolly A. Potter". The signature is fluid and cursive, with the first name "Dolly" being the most prominent.

Dolly A. Potter
Environmental Services Supervisor

Enclosure

cc: Tony Hoyt with enclosures